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In the Claims:

Please amend the claims as follows:

1. (currently amended) A method for identifying a peptide as capable of binding to a proteinaceous target, said method comprising

displaying the peptide on the surface of a replicable display package,

synthesizing a set of oligopeptides derived from the proteinaceous target on a solid phase,

contacting the ~~binding~~ peptide on the surface of said package with the oligopeptides on said solid phase, and

identifying whether binding occurs,

wherein the displayed peptide on the surface of a replicable display package is an immunoglobulin heavy chain, an immunoglobulin light chain, a heavy-light chain pair, a single chain antibody fragment, VH, a VL, a Fab, a Fv, an scFv or a di-sulfide-bridged Fv.

2. (withdrawn)

3. (currently amended) A method for distinguishing between peptides capable of binding to a proteinaceous antigen and peptides not having that capability, said method comprising

displaying candidate peptides on the surfaces of replicable display packages,

synthesizing a set of oligopeptides derived from the proteinaceous antigen on a solid phase,

contacting the candidate peptides on the surfaces of said packages with the oligopeptides on said solid phase to permit binding by said candidate peptides, and

washing the solid phase to remove unbound display packages,

wherein the displayed candidate peptides are immunoglobulin heavy chains, immunoglobulin light chains, heavy-light chain pairs, single chain antibody fragments, VH domains, VL domains, Fab domains, Fv domains, scFv domains or di-sulfide-bridged Fv domains.

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4. (withdrawn)

5. (currently amended) [[A]] The method according to claim 1, whereby the replicable display package is a phage particle.

6. (currently amended) [[A]] The method according to claim 1, whereby the replicable display package is a bacterium, a yeast or a spore of a microorganism.

7. (currently amended) [[A]] The method according to claim 5, whereby the binding peptide is displayed on the surface of the phage particle by insertion of a genetic sequence encoding said peptide in a gene encoding a surface protein of said phage particle.

8. (currently amended) [[A]] The method according to claim 1, whereby the displayed peptide is a single chain antibody fragment.

9. (currently amended) [[A]] The method according to claim 1 whereby the displayed peptide is an ScFv.

10. (currently amended) [[A]] The method according to claim 1, further comprising a step whereby the displayed peptide is contacted with a sample not containing said oligopeptides.

11. (withdrawn)

12. (withdrawn)

13. (currently amended) [[A]] The method according to claim 3, whereby the replicable display packages are phage particles.

14. (currently amended) [[A]] The method according to claim 3, whereby the replicable display packages are bacteria, yeast or spores of a microorganism.

15. (currently amended) [[~~A~~]] The method according to claim 13, whereby the candidate peptides are displayed on the surface of the phage particles by insertion of genetic sequences encoding said peptides in a gene encoding a surface protein of said phage particles.

16. (currently amended) [[~~A~~]] The method according to claim 3, whereby the candidate peptides are single chain antibody fragments.

17. (currently amended) [[~~A~~]] The method according to claim 3 whereby the candidate peptides are ScFv domains.

18. (currently amended) [[~~A~~]] The method according to claim 3, further comprising a step whereby the candidate peptides are contacted with a sample not containing said antigen.

19. (currently amended) [[~~A~~]] The method according to claim 1 wherein said proteinaceous target is a protein.

20. (currently amended) [[~~A~~]] The method according to claim 3, wherein said proteinaceous antigen is a protein.

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